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Declass Review by NIMA/DOD

M/EB 364/64  
22 July 1964  
Copy 1

MEMORANDUM FOR: Chief, Forces Division, ORR

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ATTENTION: [ ]

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Erector Orientations at Soft MRBM and IRBM Launch Sites

REFERENCES: (a) Requirement C-RR-4-81,167  
(b) CIA/PID Project C 498-64

1. This memorandum is in response to your requirement dated 11 March 1964 which requests analysis of [ ] Mission [ ] to determine which Soviet MRBM and IRBM launch sites have erectors visible on the launch pads, and the orientations of these erectors where possible. This requirement has been discussed with [ ] of your office.

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2. The acquisition of excellent quality [ ] photography [ ] subsequent to Mission [ ] which used the [ ] camera system has resulted in analysis which finds erectors at MRBM and IRBM launch sites positioned at various angles on the launch pads and in some cases removed from the pad area and parked to the rear of the ready buildings. This is true especially on winter photography where the clearing of snow from the pad areas is underway.

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On [ ] photography erectors are identified only by their positioning on a launch pad and cannot be detected if they are removed from this location and placed at another point within the launch site; nor can the reason for an erector being positioned at an angle different from others at the site be determined. Because of this, it appears that loading azimuths at the individual launch pads, as determined by pad and/or road orientation, are more meaningful figures than erector azimuths. These loading azimuths have been previously supplied your office in response to earlier requirements (MEB 380/63, 10 September 1963; MEB 473/63, 7 November 1963).

3. Erectors were observed on one or more pads at the following soft MRBM and IRBM launch sites on Mission [ ] Balta 1, Balta 2, Baranovo Orenburskoye 1, Baranovo Orenburskoye 2, Borschev 1, Borschev 2, Dyatlovo 1, Dyatlovo 2, Dyatlovo 3, Jonava 1, Jonava 2, Kremovo 1, Kremovo 2, Lida 1, Lida 2, Nigrande 1, Novosysoyevka 1, Ostrov 1, Ostrov 2, Pinsk 1, Pinsk 2, Slonim 1,

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GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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SUBJECT: Erector Orientations at Soft MRBM and  
IRBM Launch Sites

[REDACTED]  
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Slonim 2, Smorgon 1, Smorgon 2, Suchan 1, Suchan 2, Ugolnyy, Voru 1,  
Voru 2, Vselyub 1, Vselyub 2, Zagare 1, Zagare 2, Zhmerinka 1, Zhmerinka 2,  
Znamensk 1, Znamensk 2.

4. The photo analyst on this project [REDACTED] may be contacted [REDACTED] 25X1  
[REDACTED] should you have any further questions concerning this project. 25X1

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5. This project is considered to be [REDACTED]

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